

We claim:

1. An assembly (for treating a tissue region) comprising

a catheter tube having a distal end,
an expandable structure projecting beyond the distal
5 end of the catheter tube and including a far end; and

~~NO~~ a distal tail projecting beyond the far end of the
basket assembly, the distal tail including a guidewire
lumen that accommodates passage of a guidewire (without
threading the guidewire through the catheter tube).

2. An assembly according to claim 1

wherein the expandable structure comprises at least
one spine; and

5 wherein the one spine includes a spine lumen that
communicates with the guidewire lumen, and an opening in
the spine for threading the guidewire through the spine
lumen and guidewire lumen.

3. An assembly according to claim 2
wherein the one spine carries an electrode.

4. An assembly according to claim 1

wherein the distal tail includes a side opening
communicating with the guidewire lumen (for threading the
guidewire through the guidewire lumen).

5. An assembly according to claim 1

wherein the expandable structure comprises an array
of first and second spines forming a basket assembly
carried by the distal end of the catheter tube and an
5 inflatable member positioned in an interior of the basket
assembly, the inflatable member having an inflated
condition that expands the basket assembly; and

10 wherein at least one of the spines includes a spine
lumen that communicates with the guidewire lumen, and an
opening in the spine for threading the guidewire through
the spine lumen and guidewire lumen outside the
inflatable member.

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6. An assembly according to claim 5
wherein at least one of the spines carries an
electrode.

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